

IN THE ABSTRACT

Please delete the current Abstract in its entirety and substitute therefore the following New Abstract:

NEW ABSTRACT

Resonant gate driver circuits provide for an efficient switching of, for example, a metal oxide semiconductor field effect transistor. However, often an operation of the resonant gate driver circuit does not allow for an application where high switching frequencies are required. A pre-charging of the inductor of the resonant gate drive circuit is performed. This allows for a highly energy efficient and fast operation of the metal oxide semiconductor field effect transistor.